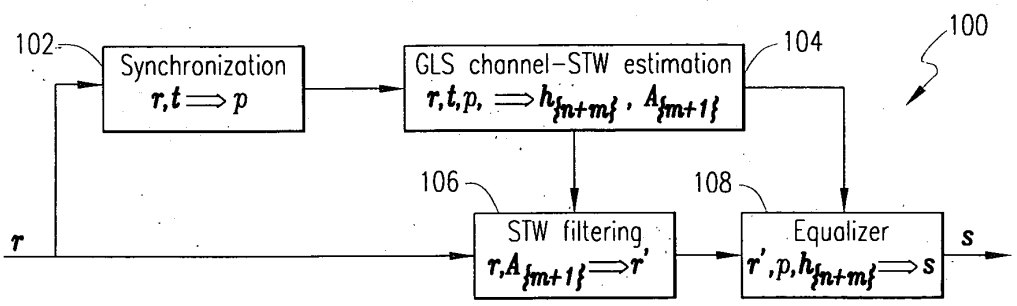

FIG. 1

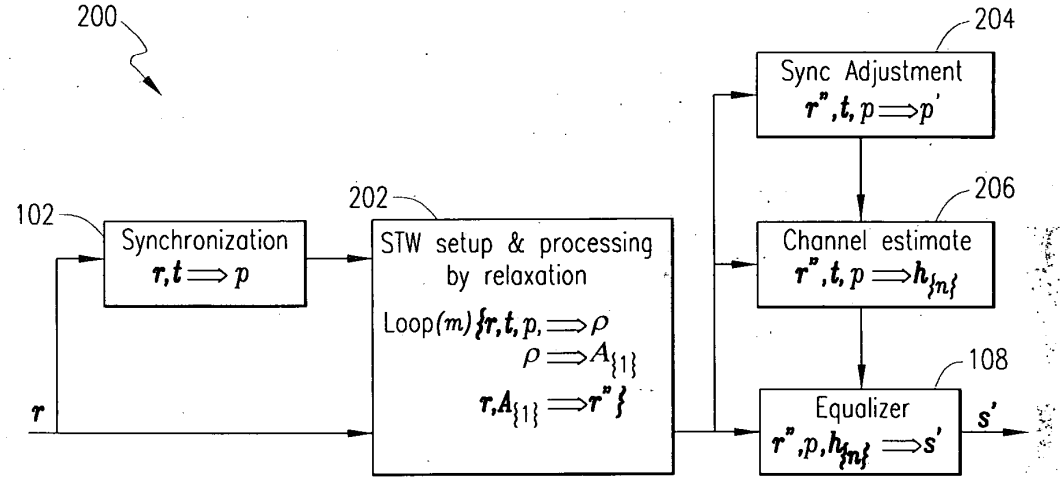

FIG. 2

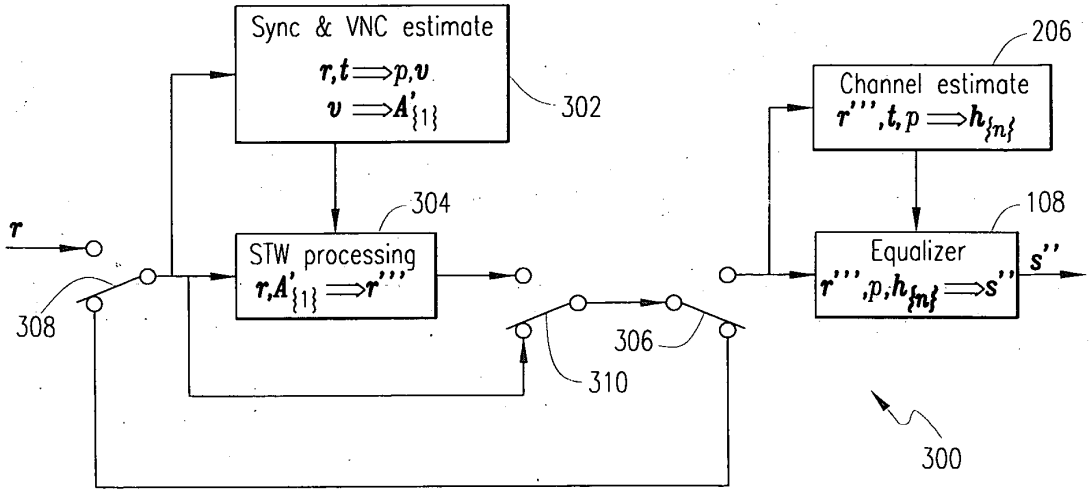

FIG. 3

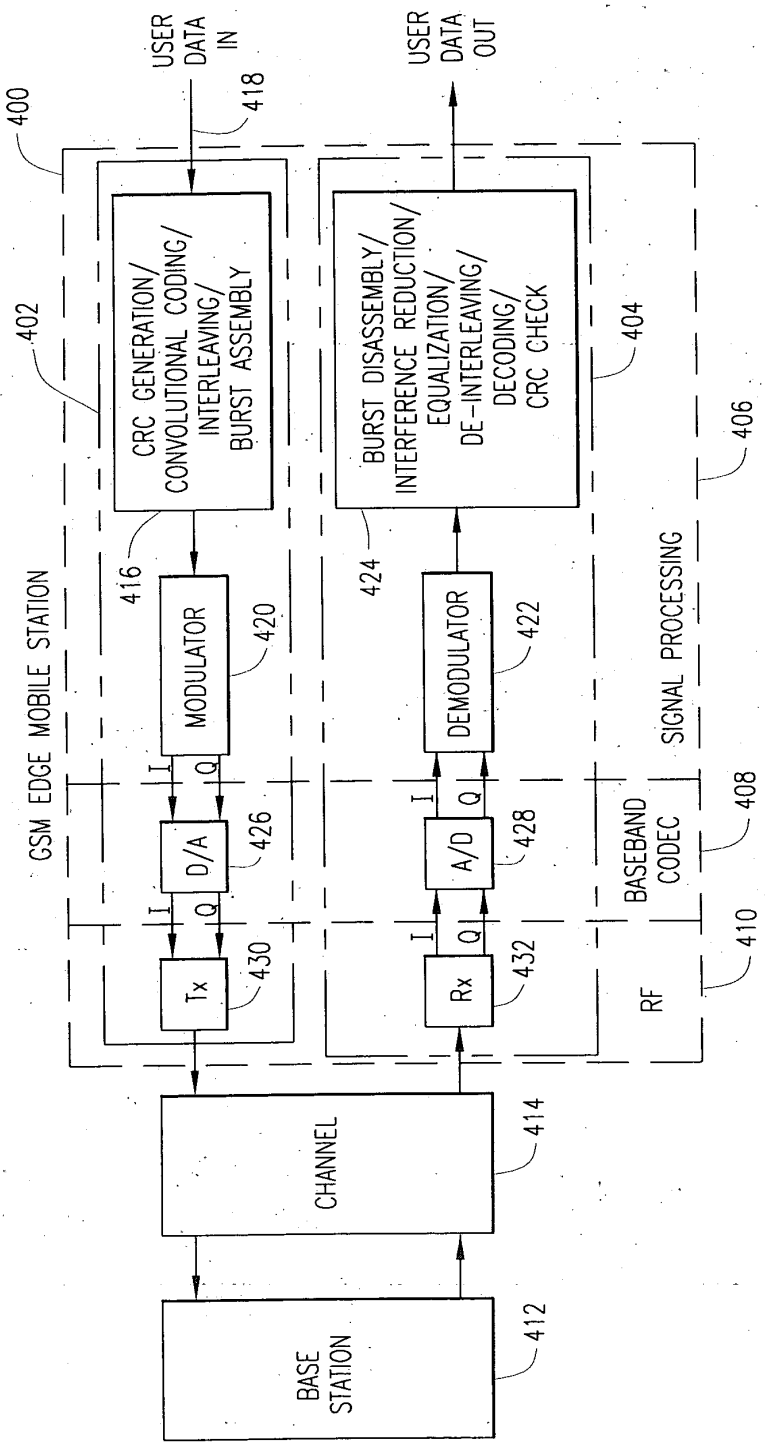
400
USER DATA IN
418
USER DATA OUT
402
CRC GENERATION/ CONVOLUTIONAL CODING/ INTERLEAVING/ BURST ASSEMBLY
BURST DISASSEMBLY/ INTERFERENCE REDUCTION/ EQUALIZATION/ DE-INTERLEAVING/ DECODING/ CRC CHECK
404
406
GSM EDGE MOBILE STATION
416
MODULATOR
420
424
DEMODULATOR
422
I
Q
D/A
426
A/D
428
Tx
430
Rx
432
BASEBAND CODEC
408
SIGNAL PROCESSING
RF
410
CHANNEL
414
BASE STATION
412

FIG. 4